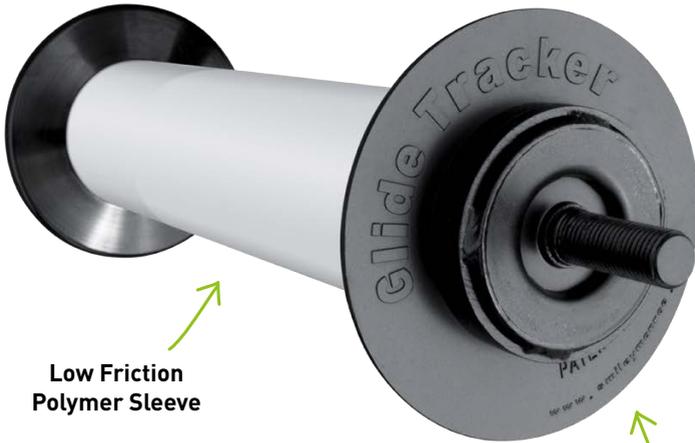




GLIDETRACKER™

CONVEYOR BELT TRACKING SYSTEM

RETURN SIDE TRACKING ROLLER



Low Friction
Polymer Sleeve

Polymer Disc

Find out more

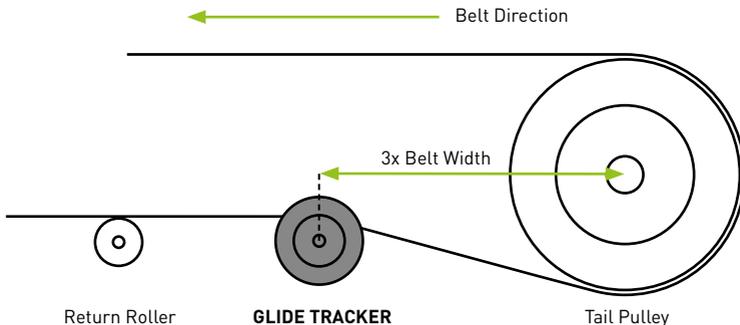
www.smileymonroe.com

Smiley Monroe's **GLIDE TRACKER** is a simple, but innovative solution to the age-old problem of conveyor belt misalignment. **GLIDE TRACKER** solves the majority of belt mis-tracking issues and is recommended for use on rubber covered fabric ply conveyor belts to suit belt widths up to 1500mm, including reversible belts. By keeping the belt edges within the ends of the troughing idlers, not only is material spillage minimised, but costly damage to both the belt and conveyor structure is prevented, leading to a safer and more productive working environment.

BEFORE YOU BEGIN

- Check that the conveyor structure is straight or 'true'
- Check that all pulleys, snub rollers, carrying idlers and return rollers are square (at 90°) with the conveyor frame and parallel to one another
- Check that the belt tension is sufficient to prevent slippage and for the belt to conform to the crown of the pulleys
- Check that all idlers, rollers and pulleys are clean and free of material build-up and are in good working condition
- Carry out a visual inspection of the conveyor belt to establish where the belt is mis-tracking - belt damage tends to occur at the tail section and/or the take-up units

FIGURE 1
Installation position

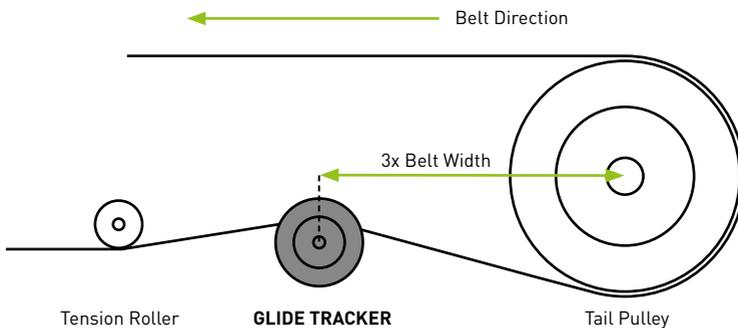


FITTING INSTRUCTIONS

- 1 Ideally **GLIDE TRACKER** will be fitted on the return side of the conveyor, near the tail pulley, as a replacement for the last return roller (See **FIGURE 1**), or the first return roller entering the gravity take-up unit (GTU)
- 2 Centralise the conveyor belt at the tail pulley to ensure centre loading at the loading chutes, to minimise material spillage
- 3 In most cases the last return roller will be at the recommended distance from the tail pulley, which is approximately 3x belt width from the centre of the tail (take-up) pulley (See **FIGURE 1**)
- 4 If more tension is required to ensure good contact between the belt and the low friction roller surface of **GLIDE TRACKER**, a tension roller must be installed (See **FIGURE 2**)
- 5 For maximum **GLIDE TRACKER** effectiveness, any existing standard return rollers in positions immediately before and after **GLIDE TRACKER** should be re-aligned at 90° to the conveyor structure and any other belt tracking devices must be removed and replaced with standard return rollers

FIGURE 2

Installing Glide Tracker with a tension roller



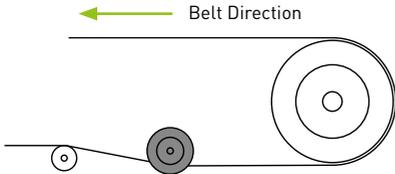
NOTE!

GLIDE TRACKER will not perform effectively if there is insufficient belt tension

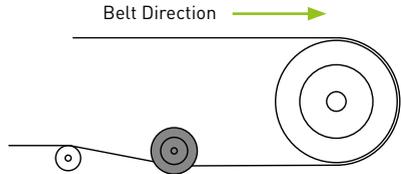
OTHER FITTING POSITIONS

GLIDE TRACKER can be fitted in other positions, including;

A. The bottom cover of the conveyor belt on the return side



B. Near the head pulley



MAINTENANCE INSTRUCTIONS

- 1. GLIDE TRACKER** should be **inspected daily** for the **first week of operation** to ensure that it is operating satisfactorily. If there are any problems, contact Smiley Monroe immediately.
- If **GLIDE TRACKER** is operating satisfactorily after one week, then **regular inspections** should be carried out to check belt tension and adjust if necessary.

NOTE!

The rate of wear of the low friction polymer sleeve of **GLIDE TRACKER** will vary depending on application.



WHAT'S IN THE BOX?

1x Glide Tracker Roller to suit belt width, 1x Set of Fixings

To order additional Glide Trackers or for technical support, contact Smiley Monroe.

Find out more
www.smileymonroe.com

